GENERAL NOTES

- SPECIFICATIONS GEORGIA STANDARD SPECIFICATIONS, 2001 EDITION, AS MODIFIED BY CONTRACT DOCUMENTS.
- SHOP DRAWINGS WHEN SUBMITTING SHOP DRAWINGS FOR THIS PROJECT TO THE DOT, SUBMIT THEM TO THE OFFICE OF MAINTENANCE BRIDGES.
- REINFORCING STEEL PLACE AND TIE ALL REINFORCING STEEL IN ACCORDANCE WITH THE GEORGIA DOT SPECIFICATIONS. DO NOT WELD REINFORCING STEEL.
- CHAMFER CHAMFER ALL EXPOSED CONCRETE EDGES &" UNLESS OTHERWISE NOTED.
- PROTECTIVE PLATFORMS PROVIDE PROTECTIVE PLATFORMS AT THIS SITE, SEE SECTION 510 OF THE GEORGIA DOT SPECIFICATIONS. MAINTAIN A MINIMUM VERTICAL CLEARANCE OF 16'-6" ABOVE FAS 1577 (HAMPTON ROAD).
- TEMPORARY BARRIERS, METHOD 2 PLACE TEMPORARY BARRIERS IN STAGE I AND II AS SHOWN ON THE ROADWAY PLANS AND GEORGIA STANDARD NO. 4960. SUPPLY AND USE THE BARRIER IN ACCORDANCE WITH SECTION 622 OF THE GEORGIA DOT SPECIFICATIONS.
- TRAFFIC CONTROLS SEE ROADWAY PLANS FOR TRAFFIC CONTROLS AND TRAFFIC CONTROL PAYMENT.
- EXISTING BRIDGE PLANS ORIGINAL BRIDGE PLANS MAY BE PURCHASED BY CONTACTING THE PLANS REPRODUCTION OFFICE AT (404) 656-5401. THE ORIGINAL BRIDGE WAS BUILT UNDER PROJECT NUMBER 1-75-2 (35) 211 AND WAS WIDENED UNDER PROJECT NUMBER IR-75-2 (139).
- DIMENSIONS AND ELEVATIONS VERIFY ALL DIMENSIONS AND ELEVATIONS IN THE FIELD PRIOR TO ORDERING MATERIALS, FABRICATING DECK PANELS OR BUILDING FORMS.
- EPOXY RESIN ADHESIVE APPLY EPOXY RESIN ADHESIVE TYPE II TO ALL HARDENED CONCRETE SURFACES JUST PRIOR TO POURING THE CONCRETE FOR THE NEXT STAGE OF CONSTRUCTION, SEE SECTION 886 OF THE GEORGIA DOT SPECIFICATIONS. INCLUDE THE COST OF EPOXY ADHESIVE AND ITS APPLICATION IN THE OVERALL BID SUBMITTED.
- EXISTING REINFORCEMENT BEND EXISTING REINFORCEMENT TO BE UTILIZED IN NEW CONSTRUCTION IN A MANNER TO PROVIDE THE MAXIMUM LAP POSSIBLE OR AS SHOWN ON THE PLANS. THOROUGHLY CLEAN EXISTING REINFORCEMENT OF CONCRETE SCALE AND RUST BEFORE BONDING INTO NEW CONSTRUCTION. WHERE EXISTING REINFORCEMENT TO BE RETAINED IN THE NEW CONSTRUCTION IS DAMAGED OR REMOVED, REPLACE WITH REINFORCEMENT OF THE SAME SIZE AND SPACING. WHERE APPLICABLE, ANCHOR BARS INTO EXISTING CONCRETE USING HILTI HYISO ADHESIVE ANCHOR SYSTEM OR EQUAL. PERFORM THIS WORK AT NO COST TO THE DEPARTMENT.
- WELDING ALL WELDING ON GEORGIA DOT PROJECTS SHALL BE PERFORMED BY CERTIFIED WELDERS THAT HAVE IN THEIR POSSESSION A CURRENT WELDING CERTIFICATION CARD ISSUED BY THE OFFICE OF MATERIALS AND RESEARCH. USE ONLY E70XX (EXCLUDING E7014 AND E7024) LOW HYDROGEN ELECTRODES FOR MANUAL SHIELDED METAL ARC WELDING.
- EXISTING BRIDGE JOINTS CLEAN EXISTING BRIDGE EXPANSION JOINTS OF ALL DIRT, REFUSE, AND EXISTING SEALANT AND SEAL JOINTS USING LOW DENSITY POLYETHYLENE SEAL AS PER SECTION 449.2.D OF THE GEORGIA DOT SPECIFICATIONS. INCLUDE THE COST OF MATERIALS AND INSTALLATION IN THE PRICE BID FOR PAY ITEM 449.
- SALVAGE MATERIAL NO MATERIAL REMOVED FROM THE EXISTING STRUCTURE IS TO BE SALVAGED FOR USE BY THE GEORGIA DEPARTMENT OF TRANSPORTATION.
- REMOVAL OF PARTS OF EXISTING BRIDGE INCLUDE THE COST FOR REMOVAL OF PORTIONS OF EXISTING DECK SLAB, PARAPET, HANDRAIL, EDGE BEAMS, AND DIAPHRAGMS AND ENDWALLS IN THE PRICE BID FOR ITEM 540 REMOVAL OF PARTS OF EXISTING BRIDGE.
- EXISTING UTILITIES MAINTAIN AND PROTECT EXISTING UTILITIES AT ALL TIMES DURING CONSTRUCTION. INCLUDE THE COST FOR THIS WORK IN THE OVERALL BID SUBMITTED.
- CONCRETE CRACKS SEAL CRACKS IN CONCRETE DECK AND APPROACH SLAB SURFACE IN ACCORDANCE WITH THE SPECIAL PROVISIONS, AS DIRECTED BY THE ENGINEER. INCLUDE THE COST IN THE PRICE BID FOR PAY ITEM 528 EPOXY SEALING OF CONCRETE CRACKS.
- PATCHING CONCRETE PATCH SPALLS IN CONCRETE DECK AND APPROACH SLAB SURFACE IN ACCORDANCE WITH THE SPECIAL PROVISIONS, AS DIRECTED BY THE ENGINEER. PERFORM ALL PATCHING OF THE EXISTING DECK PRIOR TO INSTALLATION OF THE COPOLYMER OVERLAY. INCLUDE THE COST IN THE PRICE BID FOR PAY ITEM 521 PATCHING CONCRETE BRIDGE DECK.
- BACKFILL OF APPROACH SLAB BACKFILL ANY VOIDS UNDER THE APPROACH SLABS IN ORDER TO MEET SUBGRADE REQUIREMENTS AND ELEVATIONS PRIOR TO PLACING THE APPROACH SLAB SUBBASE. INCLUDE THE COST FOR THIS WORK IN THE OVERALL BID SUBMITTED.
- DECK PANELS FURNISH AND INSTALL DECK PANELS IN ACCORDANCE WITH THE SPECIAL PROVISIONS. INCLUDE ALL STEEL GRID DECK COMPONENTS, PRECAST CONCRETE, LEVELING DEVICES, ALL CAST-IN-PLACE CONCRETE ABOVE THE TOP FLANGE OF THE GIRDERS. IN THE PRICE BID FOR COMPOSITE STEEL GRID DECK WITH PRECAST CONCRETE SLAB.
- DECK GRINDING FURNISH DECK PANELS WITH AN ADDITIONAL 1" OF OVERFILL IN ACCORDANCE WITH THE SPECIAL PROVISIONS. AFTER ALL CLOSURE POURS ARE CURED, GRIND SMOOTH THE NEW SECTIONS OF THE DECK IN ACCORDANCE WITH THE SPECIAL PROVISIONS. ALL CONCRETE DIMENSIONS AND REINFORCEMENT CLEARANCES SHOWN ARE THE MINIMUM REQUIRED AFTER DECK GRINDING IS COMPLETE.
- COPOLYMER OVERLAY AFTER ALL DECK PANEL AND EDGE BEAM WORK IS COMPLETE, OVERLAY THE ENTIRE SURFACE OF THE BRIDGE DECK WITH A TWO-PART EPOXY-URETHANE COPOLYMER BRIDGE DECK OVERLAY. FURNISH AND INSTALL OVERLAY IN ACCORDANCE WITH THE SPECIAL PROVISIONS.
- CONCRETE BARRIER FURNISH CONCRETE BARRIER WITH 24 HOUR ACCELERATED STRENGTH CONCRETE. INCLUDE COST IN THE PRICE BID FOR CONCRETE BARRIER.

GENERAL NOTES (CON'T)

SHEAR CONNECTORS - REMOVE EXISTING SHEAR CONNECTORS IN AREA OF NEW DECK. FURNISH AND INSTALL NEW SHEAR CONNECTORS IN ACCORDANCE WITH SECTION 512 OF THE GEORGIA DOT SPECIFICATIONS. PROVIDE SHEAR CONNECTORS MEETING THE MINIMUM REQUIREMENTS OF THE STEEL GRID DECK MANUFACTURER AND THE MINIMUM SIZE AND SPACING AS SHOWN ON PLANS. INCLUDE COST FOR SHEAR CONNECTORS IN THE PRICE BID FOR COMPOSITE STEEL GRID DECK WITH PRECAST CONCRETE SLAB.

INCIDENTAL ITEMS - INCLUDE THE COST INCIDENTAL TO THE WORK THAT IS NOT SPECIFICALLY COVERED BY THE GEORGIA STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS AND/OR SPECIAL PROVISIONS IN THE OVERALL BID SUBMITTED. THIS INCLUDES THE COST OF CLEANING AND BENDING OF EXISTING REINFORCEMENT, WATERPROOFING, JOINT FILLERS, AND OTHER INCIDENTAL ITEMS NECESSARY TO COMPLETE THE WORK.

DESIGN DATA

SPECIFICATIONS AASHTO 17TH EDITION 2002					
TYPICAL HS20-44 AND/OR MILITARY LOADING IMPACT INCLUDED					
FUTURE PAVING ALLOWANCE 30 LBS PER SQ FT					
REINFORCEMENT STEEL GRADE 60, fy = 60,000 PS1					
DECK PANELS: PRECAST CONCRETE DECK					
CONCRETE: EDGE BEAMS 24 HOUR ACCELERATED STRENGTH & = 3,500 PSI ENDWALLS					

SUMMARY OF QUANTITIES

	PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
	449-1620	134	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO-2, BENT NO-1
	449-1620	134	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO-2, BENT NO-2
	449-1620	134	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO-2, BENT NO-3
	449-1620	134	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO-2, BENT NO-4
	500-2100	353	LF	CONCRETE BARRIER
	501-3000	LUMP	LS	STR. STEEL, BR NO-2 (20,400)
	504-0600	27	CY	TWENTY-FOUR HOUR ACCELERATED STRENGTH CONC
	505-1100	13810	SF	COMPOSITE STEEL GRID DECK WITH PRECAST CONCRETE SLAB
	511-3000	LUMP	LS	SUPERSTR REINF STEEL, BR NO-2 (15600)
	519-0515	2660	SY	SURFACE PREPARATION
	519-0520	2660	SY	COPOLYMER OVERLAY
\triangle	521-3000	100	SF	PATCHING CONCRETE BRIDGE
	528-0750	100	LF	EPOXY SEALING OF CONCRETE CRACKS
	540-1202	LUMP		REMOVAL OF PARTS OF EXISTING BRIDGE, BR NO-2
\bigwedge	620-0200	440	LF	TEMPORARY BARRIER, METHOD NO. 2
				v.

BRIDGE NO. 2 LT. & RT. J.B. Trimble, Inc. 2550 Heritage CT, SE, Suite 250 Atlanta GA 30339-3062 (770) 952-1022 GEORGIA DEPARTMENT OF TRANSPORTATION OPERATIONS DIVISION-OFFICE OF MAINTENANCE DISTRICT 3 BRIDGE REPAIR I-75 OVER FAS 1577 (HAMPTON ROAD) GENERAL NOTES HENRY COUNTY CSNHS-M002-00(785) MAY 2006 SCALE: NO SCALE U.N.O. CHECKED GLE REVIEWED BFR DESIGNED MOT APPROVED BFR DESIGN GROUP MAINTENANCE 8/23/2006

BRIDGE SHEE

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PROJECT NUMBER

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